

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
6: Okoboji, depressional-----	83	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Ponding	1.00
		Frost action	1.00				
		Shrink-swell	1.00				
		Ponding	1.00				
27B: Terril-----	85	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Frost action	0.50				
54: Zook-----	80	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.60	Flooding	0.60
		Frost action	1.00	Too clayey	0.01		
		Flooding	1.00				
		Shrink-swell	1.00				
55: Nicollet-----	75	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Depth to saturated zone	0.75				
62F: Storden-----	78	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	0.50				

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
90: Okoboji, mucky, depressional-----	83	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Ponding	1.00
		Frost action	1.00				
		Shrink-swell	1.00				
		Ponding	1.00				
95: Harps-----	83	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00				
		Low strength	1.00				
107: Webster-----	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.32				
135: Coland-----	83	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
138B: Clarion-----	80	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Shrink-swell	0.01				
138C2: Clarion, moderately eroded-----	78	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
175: Dickinson-----	85	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
Wadena-----	3	Not limited		Not limited		Not limited	
175B: Dickinson-----	75	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
175C: Dickinson-----	83	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
188: Kensett-----	90	Very limited Frost action	1.00	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Depth to saturated zone	1.00	Depth to bedrock	0.26
		Depth to hard bedrock	0.26				
201B: Coland-----	55	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
Terril-----	35	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Frost action	0.50				
203: Cylinder-----	75	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Depth to saturated zone	0.75	cutbanks cave	0.90		
		Low strength	0.22				

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
221: Klossner, depressional-----	88	Very limited Depth to saturated zone Subsidence Frost action Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Content of organic matter	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00
236B: Lester-----	83	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
236C: Lester-----	81	Very limited Low strength Frost action Shrink-swell	1.00 0.50 0.18	Not limited		Not limited	
236C2: Lester-----	76	Very limited Low strength Frost action Shrink-swell	1.00 0.50 0.18	Not limited		Not limited	
236D2: Lester-----	83	Very limited Low strength Slope Frost action Shrink-swell	1.00 0.63 0.50 0.18	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
236E: Lester-----	86	Very limited Slope Low strength Frost action Shrink-swell	1.00 1.00 0.50 0.18	Very limited Slope	1.00	Very limited Slope	1.00

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
236F: Lester-----	80	Very limited Slope Low strength Frost action Shrink-swell	1.00 1.00 0.50 0.18	Very limited Slope	1.00	Very limited Slope	1.00
253B: Farrar-----	85	Somewhat limited Frost action Low strength	0.50 0.22	Not limited		Not limited	
253C: Farrar-----	85	Somewhat limited Frost action Low strength	0.50 0.22	Not limited		Not limited	
256G: Lester-----	50	Very limited Slope Low strength Frost action Shrink-swell	1.00 1.00 0.50 0.32	Very limited Slope	1.00	Very limited Slope	1.00
Storden-----	38	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
259: Biscay, 32 to 40 inches to sand and gravel-----	70	Very limited Depth to saturated zone Frost action Low strength	1.00 1.00 0.78	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
274: Rolfe, depressional-	85	Very limited Low strength Depth to saturated zone Frost action Shrink-swell Ponding	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 0.01	Very limited Depth to saturated zone Ponding	1.00 1.00

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
308: Wadena, 32 to 40 inches to sand and gravel-----	75	Not limited		Not limited		Not limited	
308B: Wadena, 32 to 40 inches to sand and gravel-----	85	Not limited		Not limited		Not limited	
330: Kingston-----	80	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Low strength	1.00				
		Depth to saturated zone	0.75				
338: Garmore-----	78	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Low strength	0.22				
		Shrink-swell	0.01				
339: Truman-----	90	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
339B: Truman-----	90	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
344B: Copaston-----	80	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock	1.00	Very limited Depth to bedrock	1.00
		Low strength	1.00			Droughty	0.98
		Frost action	0.50			Content of large stones	0.01

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
354: Aquolls, (marsh), ponded-----	80	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
485: Spillville-----	80	Very limited Flooding Low strength Depth to saturated zone Frost action	1.00 1.00 0.75 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Somewhat limited Depth to saturated zone Flooding	0.75 0.60
506: Wacousta-----	83	Very limited Depth to saturated zone Frost action Low strength Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
507: Canisteo-----	75	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 0.01	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
508: Calcousta-----	83	Very limited Depth to saturated zone Frost action Low strength Ponding Shrink-swell	1.00 1.00 1.00 1.00 0.01	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
526: Wacousta-----	83	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Ponding	1.00
		Frost action	1.00				
		Ponding	1.00				
		Shrink-swell	0.32				
536: Hanlon-----	85	Very limited Flooding	1.00	Very limited cutbanks cave	0.90	Somewhat limited Flooding	0.60
		Frost action	0.50	Flooding	0.60		
				Depth to saturated zone	0.16		
638C2: Clarion, moderately eroded-----	50	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
Storden, moderately eroded-----	35	Somewhat limited Frost action	0.50	Not limited		Not limited	
659: Mayer-----	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	cutbanks cave	0.90		
		Low strength	0.22				
		Shrink-swell	0.01				
823: Ridgeport-----	75	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.26
823B: Ridgeport-----	86	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.26
823C2: Ridgeport, moderately eroded--	85	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.33

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
828B: Zenor-----	88	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.11
828C2: Zenor, moderately eroded-----	79	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.25
829D2: Zenor, moderately eroded-----	45	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope Droughty	0.63 0.25
Storden, moderately eroded-----	35	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
835D2: Storden, moderately eroded-----	50	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
Omsrud, moderately eroded-----	35	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
835E2: Storden, moderately eroded-----	50	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Omsrud, moderately eroded-----	35	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
956: Harps-----	45	Very limited Depth to saturated zone Frost action Low strength	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Okoboji-----	35	Very limited Low strength Depth to saturated zone Frost action Shrink-swell Ponding	1.00 1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
1585: Spillville-----	45	Very limited Flooding Low strength Frost action Depth to saturated zone	1.00 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone Flooding	1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 0.19
Coland-----	35	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 1.00
4000: Urban Land-----	100	Not rated		Not rated		Not rated	
5010: Pits, Gravel-----	100	Not rated		Not rated		Not rated	

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
5030: Pits, Quarries-----	100	Not rated		Not rated		Not rated	
5040: Udorthents-----	100	Not rated		Not rated		Not rated	
5080: Udorthents-----	100	Not rated		Not rated		Not rated	
AW: Animal Waste Lagoon-	100	Not rated		Not rated		Not rated	
SL: Sewage Lagoon-----	100	Not rated		Not rated		Not rated	
W: Water-----	100	Not rated		Not rated		Not rated	